






<b>Form PTO-1449</b> 	<b>U.S. Department of Commerce</b> <b>Patent and Trademark Office</b>		<b>Atty. Docket No.</b> <b>43016-D</b>	<b>Serial No.</b> <b>08/477,147</b>
			<b>Applicant</b> <b>Philip O. Livingston et al.</b>	
			<b>Filing Date</b> <b>06/07/95</b>	<b>Group</b> <b>1806</b>

**INFORMATION DISCLOSURE CITATION**  
 (Use several sheets if necessary)

### U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

### FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

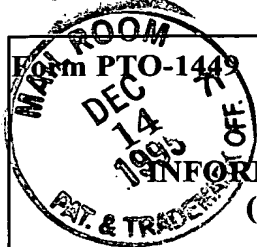
n	Livingsgton P.O., et al., "Studies on the Immunogenicity of Synthetic and Natural Thomsen-Friedhenreich (TF) Antigens in Mice: Augmentation of the Response by Quil A and SAF-m
	Adjuvants and Analysis of the Specificity of the Responses", Vaccine Research, Vol. 1, No. 2, 1992, pages 99-109 (Exhibit 7)
n	MacLean G.D et al., "Immunization of Breast Cancer Patients Using a Synthetic Sialyl-Tn Glycoconjugate Plus Detox Adjuvant", Cancer Immunol. Immunother., Vol. 36, 1993, pages

<b>EXAMINER</b> <i>A-Cpt</i>	<b>DATE CONSIDERED</b> <i>6/7/95</i>
---------------------------------	---

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[illegible]

[illegible]



Form PTO-1449

**U.S. Department of Commerce  
Patent and Trademark Office**

Atty. Docket No.  
**43016-D**

Serial No.  
**08/477,147**

Applicant  
**Philip O. Livingston et al.**

Filing Date  
**06/07/95**

Group  
**1806**

**INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

<i>H</i>	Ritter G., et al., "Ganglioside Antigens Expressed by Human Cancer Cells", Seminars in Cancer Biology, Vol. 2, 1991, pages 401-409 (Exhibit 12)
<i>M</i>	Ritter G., et al., "Antibody Response to Immunization with Purified GD3 Ganglioside and GD3 Derivatives (Lactones, Amide and Gangliosidol) in the Mouse", Immunobiol., 1990, Vol. 182 pages 32-43 (Exhibit 13)

EXAMINER

*A. Gupta*

DATE CONSIDERED

*6/7/95*

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**Serial N .**  
**08/477,147**

**Filing Date**  
**06/07/95**

**Group  
1806**

## U.S. PATENT DOCUMENTS

[illegible]

Foreign Patent Documents														
		Document Number							Date	Country	Class	Subclass	Translation	
													Yes	No

A		Wu J-Y. et al., "Saponin Adjuvant Enhancement of Antigen-Specific Immune Responses to an Experimental HIV-1 Vaccine", The Journal of Immunology, Vol. 148, 1992, pages 1519-1525
		(Exhibit 14)

**DATE CONSIDERED**

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.